

HYBRID PARSING SYSTEM AND METHOD

ABSTRACT OF THE DISCLOSURE

A system and method are provided for parsing a markup file. The
5 present system includes a hybrid parser that employs both a lightweight
parser and a heavy weight parser to parse a markup file. The lightweight
parser is capable of performing a first set of parsing tasks and the
heavyweight parser is capable of performing a second set of parsing tasks,
where the first set of parsing tasks is a subset of the second set of parsing
10 tasks. In addition, the hybrid parser provides for transitioning a parsing of a
markup file from the lightweight parser to the heavyweight parser upon an
occurrence of a transition event. A transition event is defined, for example, as
the circumstance where the lightweight parser is required to perform a parsing
task that is beyond its capability.

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